

turn was referred to *O. biennis* until recently. These numerous elementary species emphasize the fact that *O. biennis*, as formerly understood, was really a surprising mixture of forms.—J. M. C.

**Bolivian plants.**—The Bolivian collections of TH. HERZOG, made during 1910 and 1911, have been determined by various specialists, and the first part is now published,<sup>24</sup> containing 339 species distributed as follows: ferns 136, Lycopodiales 1 (*Isoetes*), gymnosperms 2 (*Ephedra*), dicotyledons 190, and monocotyledons 10. The new species number 42, of which 14 are ferns, distributed among 10 genera, and 28 are dicotyledons, distributed among 17 genera.—J. M. C.

**Lepidopteris and Antholithus.**—ANTEVS<sup>25</sup> has made a critical investigation of *Lepidopteris Ottonis* and *Antholithus Zeilleri* and has concluded that they belong to the same plant. The latter is presumed to be the staminate structure of a seed plant; but no seeds are available to indicate whether this mesozoic plant represents a continuation of the Cycadofilicales, as the foliage would suggest, or is a member of some more modern group of seed plants.—J. M. C.

**New genus of Plasmodiophoraceae.**—FERDINANDSEN and WINGE<sup>26</sup> have described a new genus (*Ostenfeldiella*) of the Plasmodiophoraceae, dedicating it to its discoverer, Dr. C. H. OSTENFELD, who found it attacking a species of *Diplanthera*, growing in shallow water or muddy soil on the coast of the island of St. Croix. The parasite causes swellings in certain branches, so that the branch as a whole bears "a certain resemblance to a string of pearls."—J. M. C.

**The vegetation of Guiana and Trinidad.**—CAMPBELL<sup>27</sup> has given an interesting account of a visit to Guiana and Trinidad. Both British and Dutch Guiana were included in the itinerary. In each of these colonies and also in Trinidad study was facilitated by botanical gardens. Excellent stretches of natural forest are available from Paramaribo and Port of Spain.—H. C. COWLES.

<sup>24</sup> (HERZOG, TH.), Die von Dr. TH. HERZOG auf seiner zweiten Reise durch Bolivien in den Jahren 1910 und 1911 gesammelten Pflanzen. Teil I. Mededeel. Van Rijks Herb. no. 19. pp. 84. 1913.

<sup>25</sup> ANTEVS, ERNST, *Lepidopteris Ottonis* (Göpp.) Schimp. and *Antholithus Zeilleri* Nath. Kgl. Svensk. Vetensk. Handl. 51: no. 7. pp. 18. pls. 3. 1914.

<sup>26</sup> FERDINANDSEN, C., and WINGE, O., *Ostenfeldiella*, a new genus of Plasmodiophoraceae. Ann. Botany 28:643-649. pl. 45. figs. 4. 1914.

<sup>27</sup> CAMPBELL, D. H., Some impressions of the flora of Guiana and Trinidad. Pop. Sci. Monthly 82:19-32. figs. 3. 1913.